Trip to Whitehall
Milton, Ver. Phillipsburg Que.
Beekmantown N Y etc.
July 9th to 12th 1931
1934

35 A.

# GERMAN NATIONAL BANK,

## NEWPORT, KY.

IN ACCOUNT WITH

Legore Md 1934
Frederick " 1934
Stonehenge Pa 1934
Chambersburg Pa 34

MILTON C. JOHNSON & CO., 64 READE ST., N. Y.

P.
Afton, Minn. Slauffers Loc — 10.
Beekmantown, Ny. Spellmans Ledge — 12-13
Ceresville, Md, Paffenburg + Mauses quarry — 49
Chambirsbg, Pa. 4 mi SE — 50
Chataugay N.Y. Notes on Theresa — 13
Hastings Mon. — details on Naylor Ledge — 21
Highgate Falls Vt. Loc, Camb. congl, — 9
Legore, Md, Legore qr. — 48-48a
Milton Vt. — 4 mi S. of — 4
Milton " Perkins Loc. — 8
Naylor Ledge, — 21
Newton, N.J. Loc.s near — 2
Ogdenbg N.Y. — 14
Paffenbg + Mause quarry near Fred, Md. — 49
Perkins Loc. Milton, Vt. — 4
Philipsbg, Que. notes on Luke Hill. — 6
Philipsbg Que, — Naylor Ledge — 12
Philipsbg, Que, sec — 16

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mann's
m. + Chazy

part
d?

entral or
ntral.

entral or
entral

outline?
termined.
figured?

l. 1. pl 3.

chs.
75 – .80 mm
.75 mm.
equal

marginal?
icular?

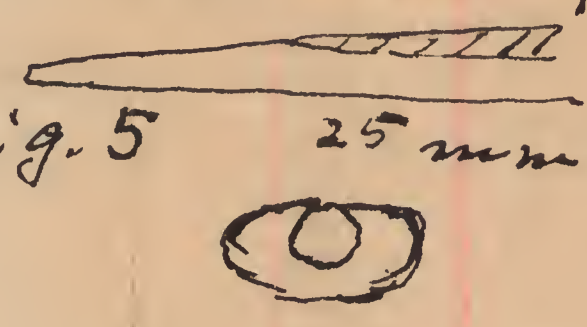
stratin
inume
er ans
ct ans

li ddi
n

Philipsb'g & St. Thomas — 18-19-20-22
Philipsb'g - Notes - Luke Hill & Hastings Mon. — 21
Potsdam, N.Y. notes on Theresa — 13
Rouses Point, Vt. coll. made - Canadon Potsdam — 12
St. Albany, Vt. - Up. Camb. — 9
St Thomas - Philipsb'g Naylor Ledge — 18, 19, 20, 22
Spellmans Ledge. near Beekmantown N.Y. — 12-13
Stauffers Loc. - Afton, Minn — 10
Stonehenge, Pa. Walker q. — 50
Walker q. - Stonehenge Pa. — 50
Whitehall, N.Y. — Low. Ozark Fos. — 8
Whitehall, N.Y. - Seq. of Formations — 15

ALBANY | Borrow Ruedemann's Rept. Ceph. Beekm. & Chazy

Baltoceras pusillum



Does camerated part reach apical end?

Fig. 5 25 mm long

Is siphuncle ventral or central.

- - - - - - - - - - - - - - - - -

Fig. 4. 10 mm long.

Is siphuncle ventral or central

---

Cyrtendoceras priscum.
Is cross-section circular?
Is siphuncle ~~or~~ concave outline?
Can its relative size be determined.
Is course of septa correctly figured?

---

6 Orthoceras primigenium
Fort Plain. Pal. N.Y. vol. 1. pl 3.
~~[illegible]~~ fig. 11.
A cluster of small conchs.
Diameter of siphuncle .75-.80 mm where diameter of conch equals 4.75 mm. and 9 camerae occur in equal length.
→ Is location of siphuncle marginal?
→ Is cross section of conch circular?

---

Shall we borrow for illustration
12132 Endoceras champlainense
12150 Eurystomites accelerans
12151 " " amplectans
Tarphyceras clarkii
Protocycloceras whitfieldi
3909 Kionoceras laqueatum

2. Ditto reverse Krohn graps.

Newton, N.J. Localities

Largest fauna at O'Donnell & MacMannimans quarry (Loc 136h) L. stonensis occurs a few feet higher than the Dik. newtonensis

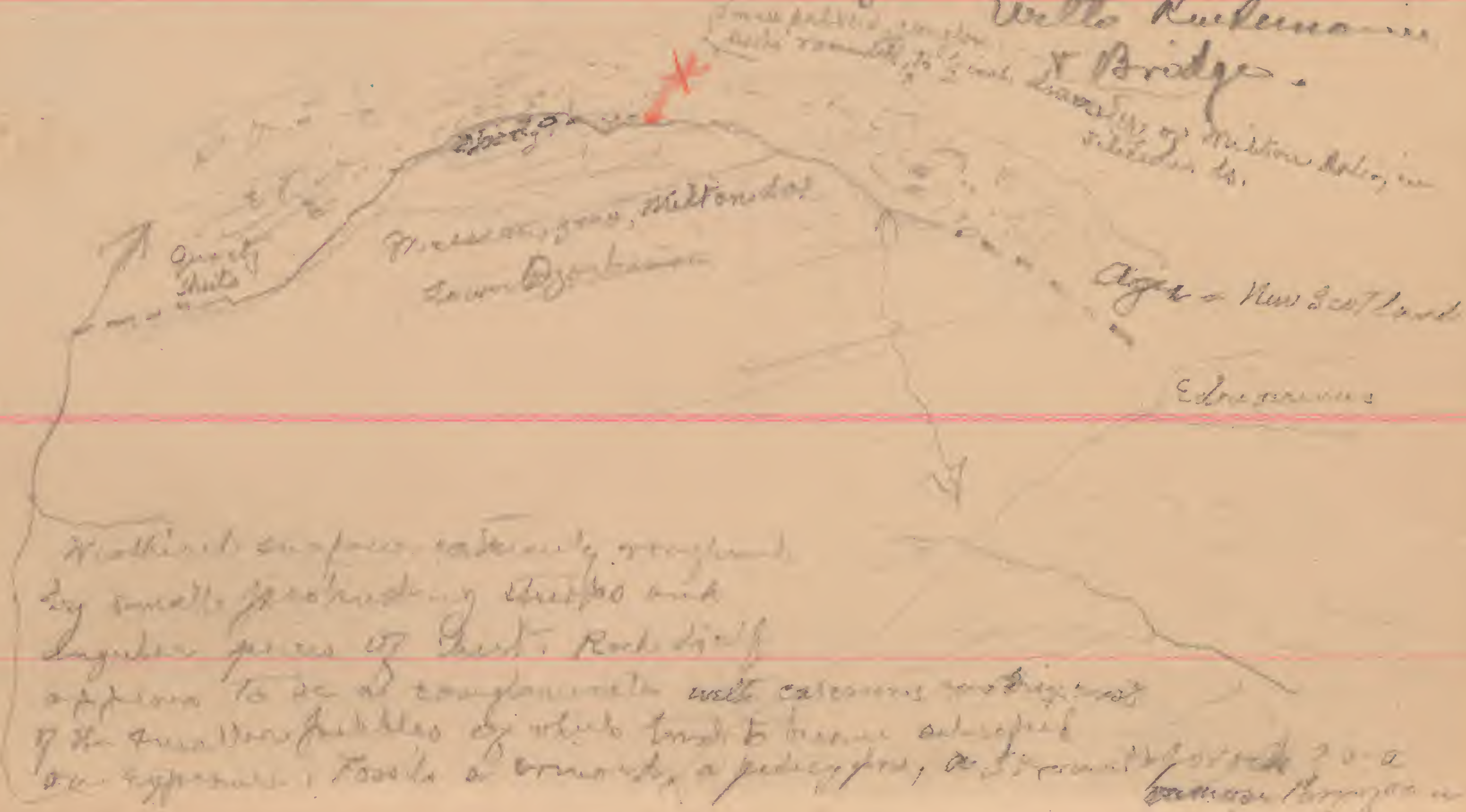
Inquire at other quarries.

R.R. cut (Delaware Branch of the N.Y. Susque. & Western) at Columbia.

— — Hoeg, Bergen Museum 'on Trinucleidae.'

Near Perkins's Loc. 2 [illegible] of Milton, Vt.
East of opposite side of gulley.

July 9th 1937


Wells Rutherm[illegible]
X Bridge.
[illegible] pebble [illegible] [illegible] [illegible] to [illegible] [illegible] of Milton dol., in [illegible]
Quartzite
Mississquoi, Milton dol.
Lower Ordovician
Age = New Scotland
[illegible]

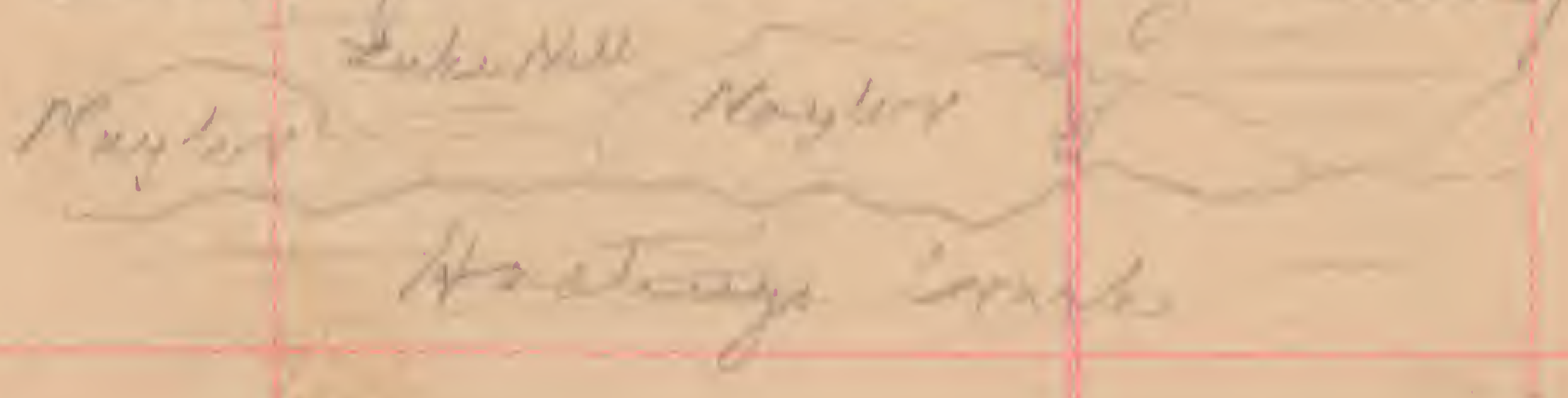
Weathered surface extremely roughened
by small protruding chips and
angular pieces of Chert. Rock itself
appears to be a conglomerate with calcareous matrix, most
of the smaller pebbles of which tend to become subangular
in appearance. Fossils a crinoid, a pelecypod, a [illegible] 20-a
[illegible].

## Philipsburg, Quebec

Point in argument:

Impossible to have a boulder of Luke Hill limestone in the underlying Naylor Ledge if the latter were the older deposit. Both fossiliferous blocks of the "ochreous weathering" rock of the Luke Hill and also many small to large masses of the dolomitic yellow-weathering limestone that makes ledges in the lower fourth of the Luke Hill occur in the Naylor Ledge. *

The Naylor Ledge certainly varies in thickness and may be ~~[illegible]~~ discontinuous in outcrop & in such places wanting entirely



July 9th 1931 - with Ruedemann & Bridge

Collected some fossils at 2 or 3 localities in the vicinity of Whitehall, N.Y. None very prolific the best being the low limestone ridge north? of Skene Mt.

All the fossils indicate Lower Ozarkian of about or the same age as the Conococheague ls. of Pennsylvania.

Stopped overnight at St. Albans Vt. next morning (10th) returned to points south of Milton, Vt. from which Dr. Perkins sent us some specimens of Ozarkian age. Failed to find any fossils in the rocks of this age but as detailed on earlier pages some and got a couple that may be much younger (? [illegible])

16 H = Up. Cambrian
½ m. west of St. Albans
Vt.

Up. Cambrian
87 = ^ Cong. Ls. 1 m. 55 W of
Highgate Falls,
Franklin Co. Vt.
see
over - Tril. List.

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Asaphiscus, Blountia,
Maryvillia,
~~Pterocephalia~~
Crepicephalus
Dikelocephalus
Saukia
Ptychaspis

Stauffer's Graptolite locality
Afton, Minn.
31 ft. below base of Jordan
(= Norwalk ss. member) of the
Trempealeau formation in
the Lodi shale member.

In Philipsburg Queb., region on 9th and 10th between rains. Collected very few fossils but we (Ruedemann, Bridge & I) looked very closely into the problem of the Naylors Ledge. All finally agreed that no other hypothesis explains the origin of this ledge so well as my cave-deposit theory. *
Wished more photographs but weather conditions quite unfavorable.

July 11th Left Philipsburg this morning & returned to New York via the Rouses Point entrance. Collected a few Chazy fossils from the Blastoidocrinus zone at ? Later found Mid. Cam. in Potsdam and finally went on to the Spellmans Ledge near Beekmantown. So far as observed the Beekmantown of the type area consists solely of Mid. Canadian as at Beauharnois in SW. Quebec. Good fossils in the Spellmans Ledge are now extremely rare. None of us found any worth taking.

After lunching at ? proceeded on through Chateaugay and Potsdam (where we had dinner) and later on to Ogdensburg which place we reached about 9 P.M. Collected no Potsdam fossils but noted that ~~at~~ and to east of Chateaugay the sandstone (Theresa) is white gray or brownish whereas at and to west of Potsdam the prevailing color is deep brown-red. At ? on ? creek or river the stream bed exposes contact between Theresa and gray Potsdam.

14

July 12th Left Ogdensburg this Sunday morning Passed by the Potsdam House locality where Cushing and I made section of Up. Canadian and returned To Albany ~~at~~ in night.

15

Sequence at Whitehall, N.Y.

Canadian

Up. Can.

~~[illegible]~~ M. Can. (Sac)

Ozarkian

Up. Ogdsb. About 110 ft.

"Up. [illegible]"

Little Falls

Hoyt

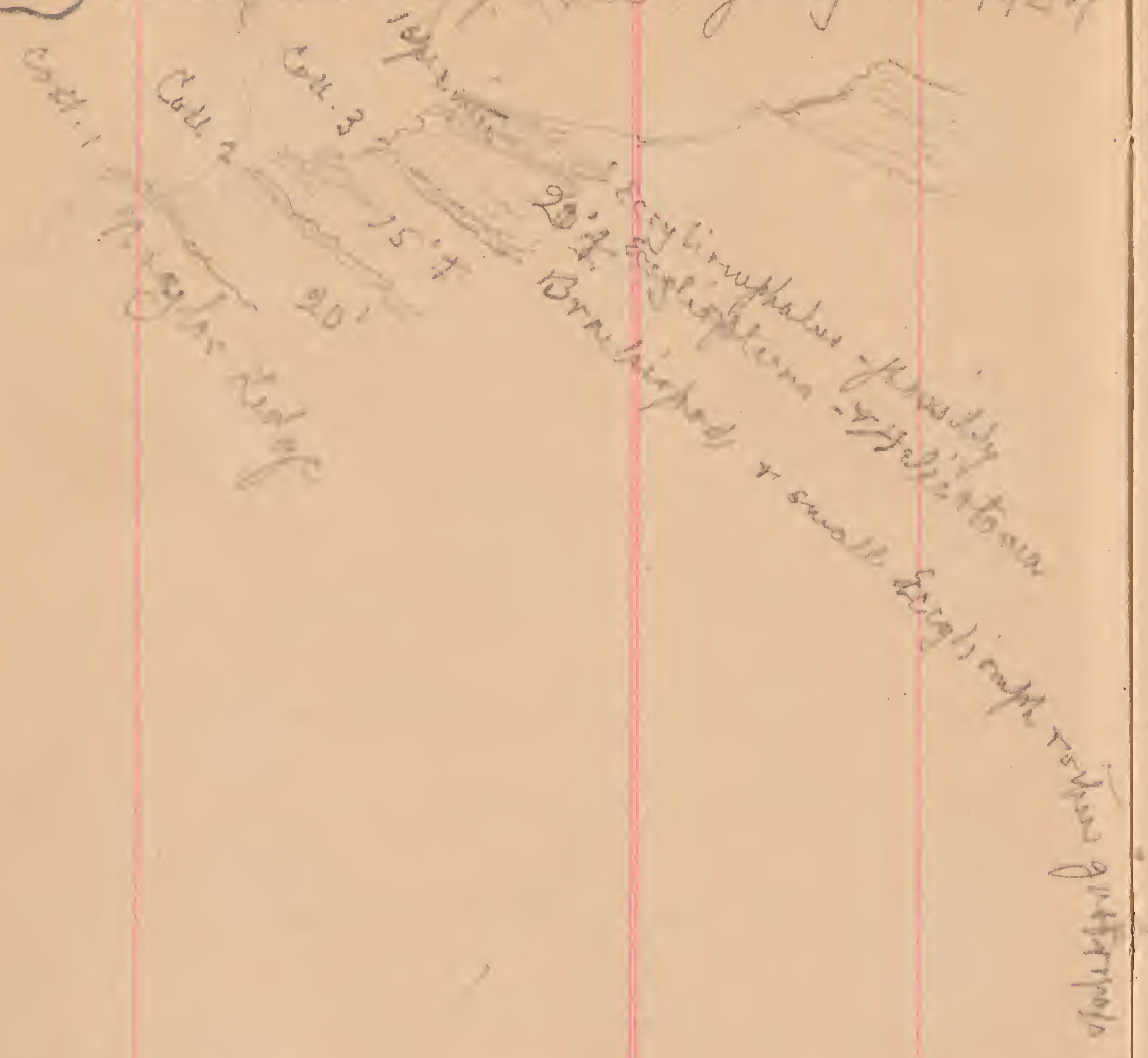
Theresa

Potsdam with the fossils

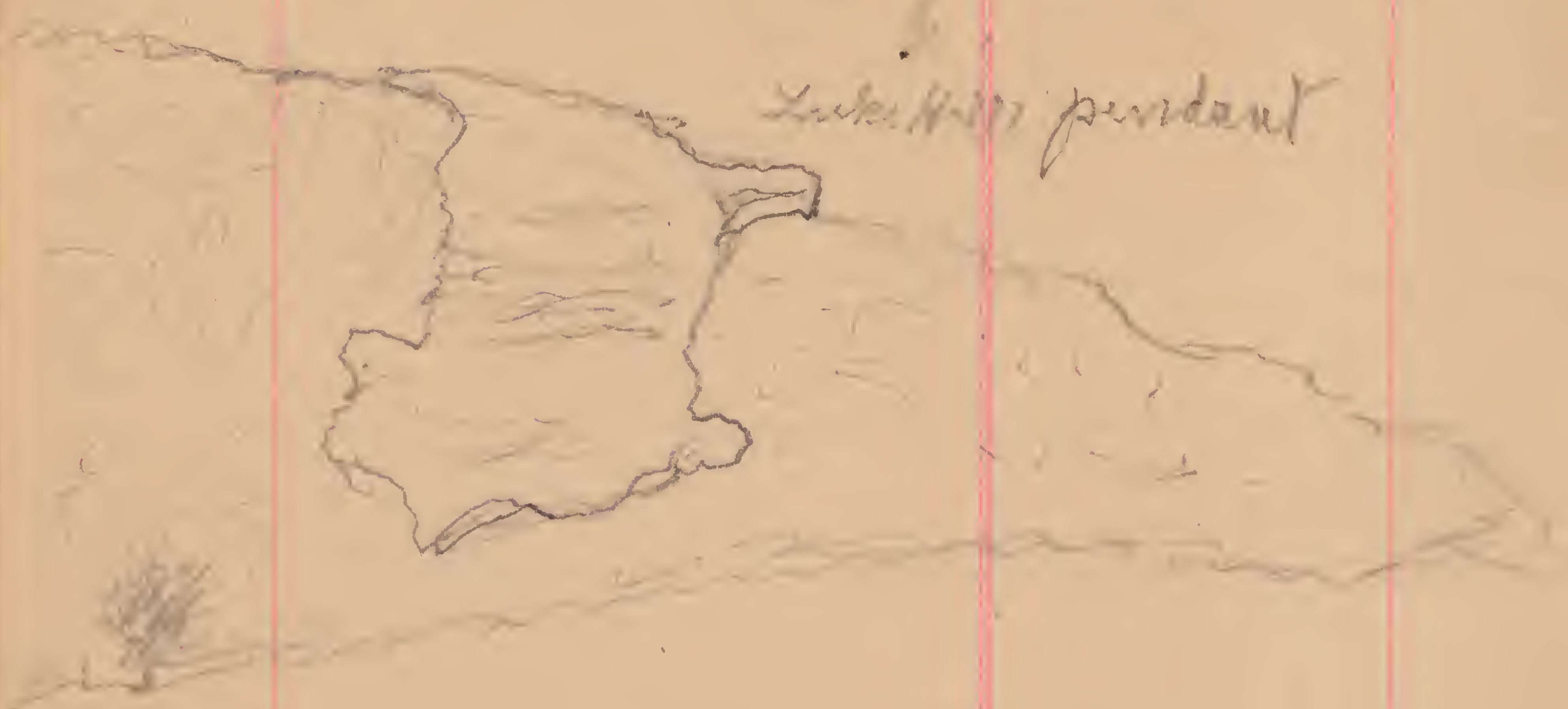
July 12th 1931.
E.O.U.

Bald Mt. 13 m. E. of Saratoga, N.Y.

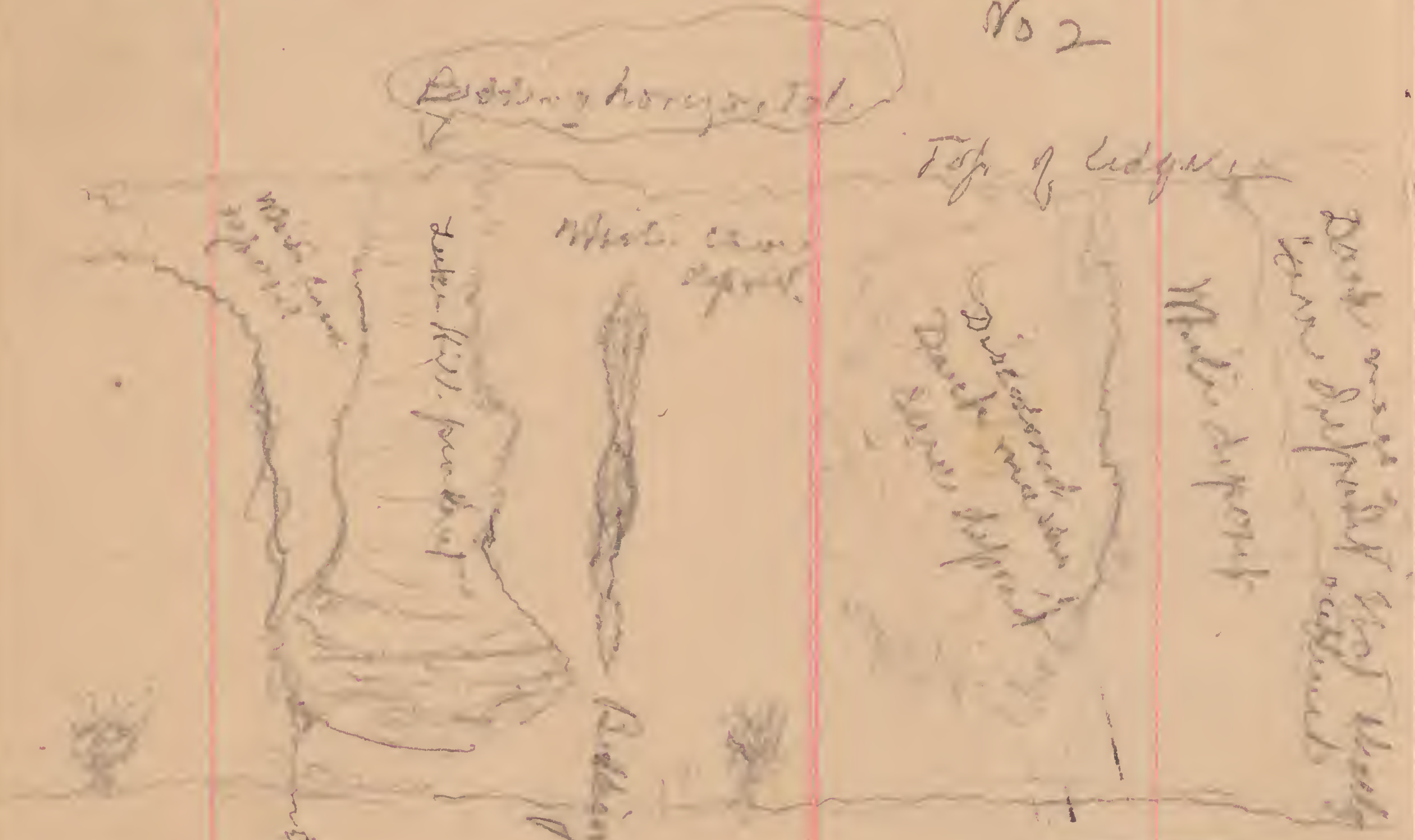
Phelpsburg, Queb July 8th 1934


top
Coll. 3
Coll. 2
Coll. 1
15 ft
20'
Naylor Ledge
Eccyliomphalus – plenty
20 ft. Eccyliopterus – Hormotoma
Brachiopods & small Eccyl. except & other gastropods

No 1

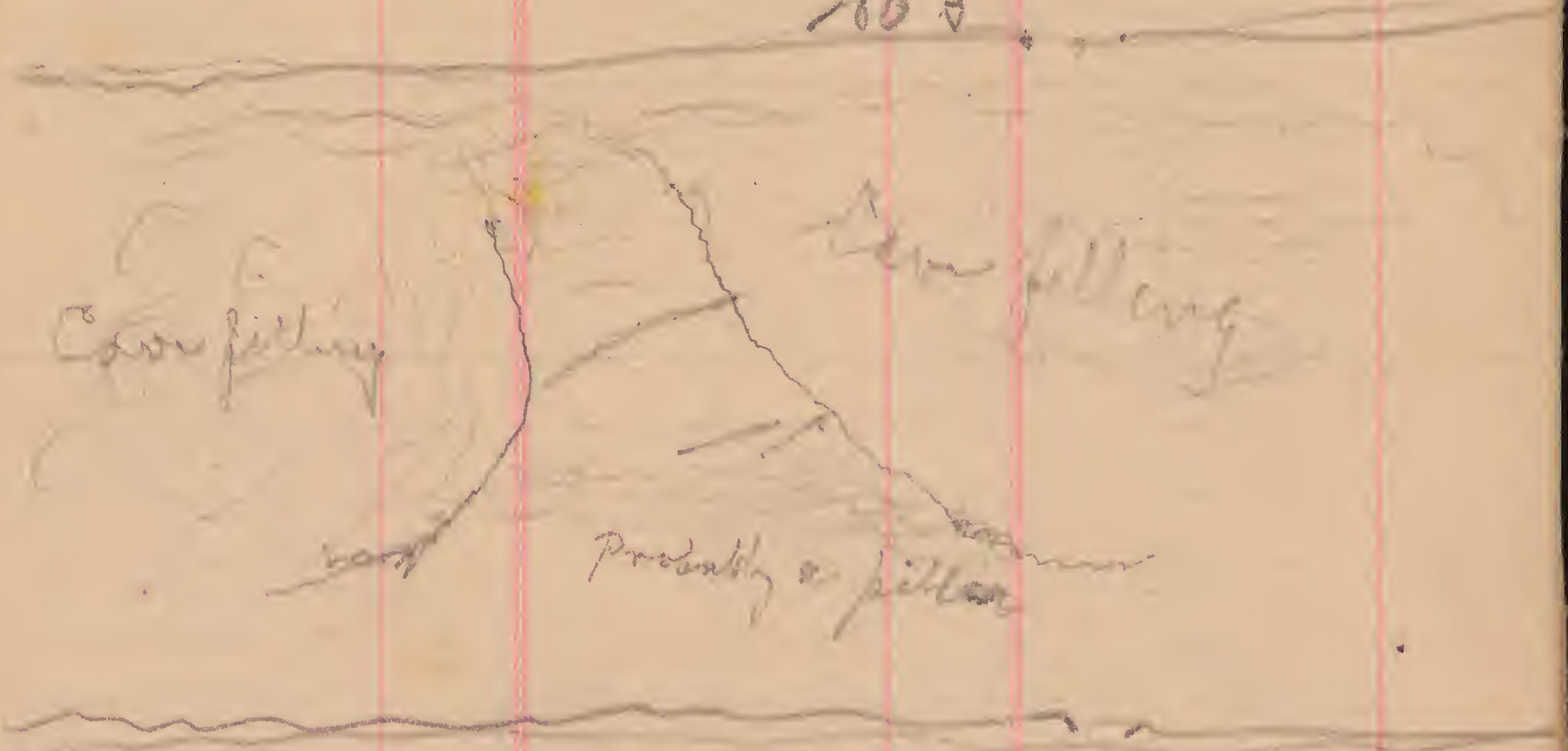

Lake Hill pendant

No 2

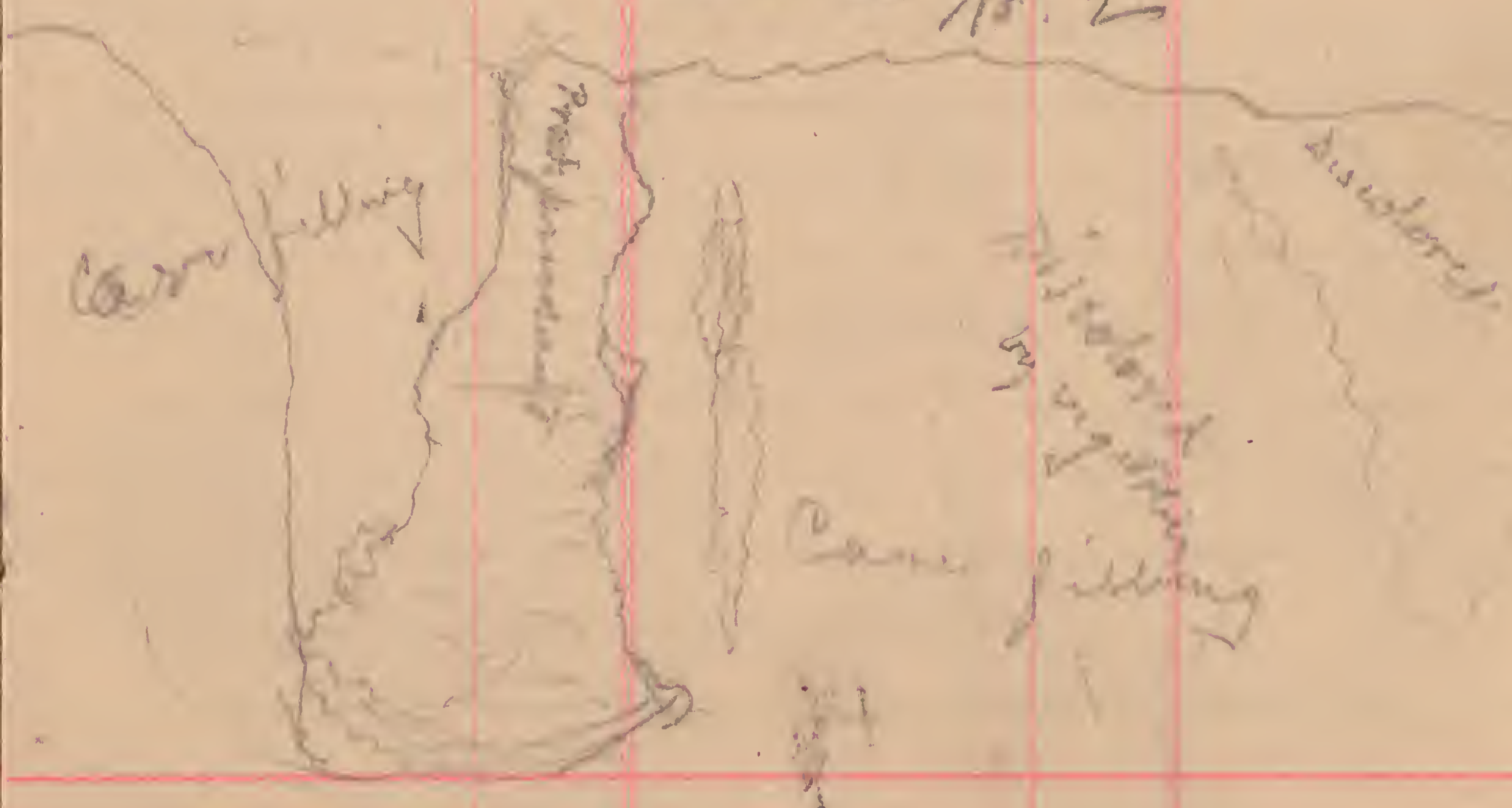

Bedding horizontal
Top of ledge
Mixed cave deposit
Lake Hill pendant
White cave deposit
Discolored sand
Dark mica sand
Lake deposit
Mixed deposit
Dark mixed deposit
cave deposit
cracks
Bedding vertical (edge of Lake Hill ledge)

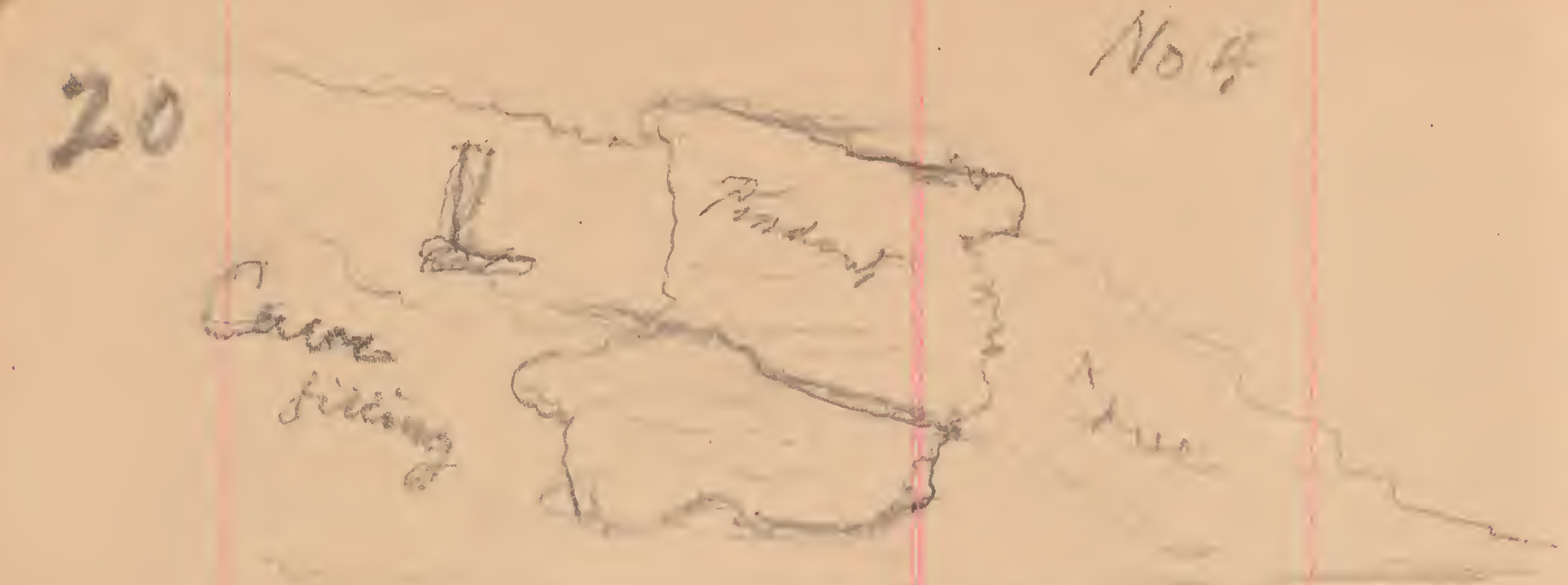
Nos. 1, 2, 3, 5, 7 & 7a
taken NE of St. Arman

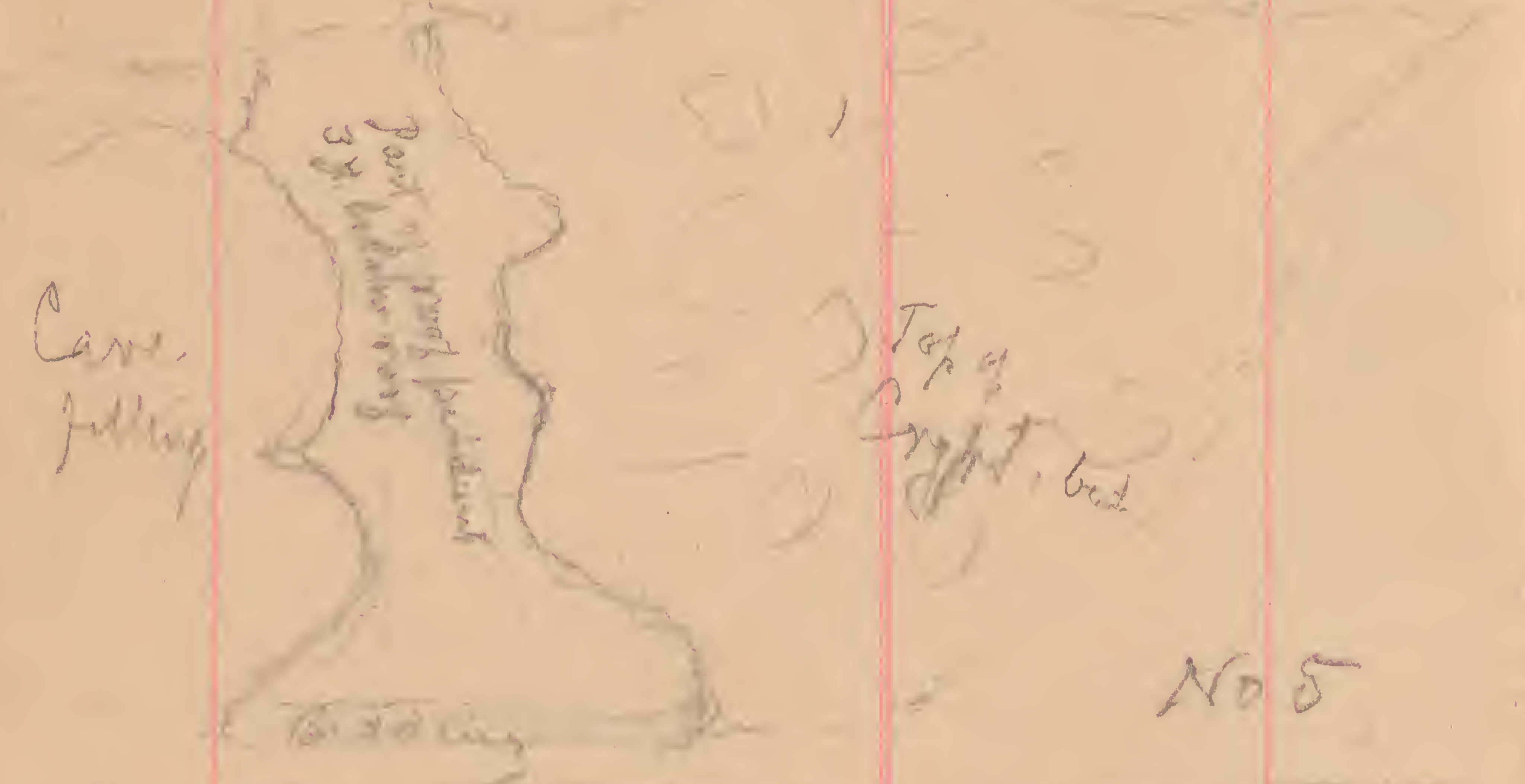
No 3

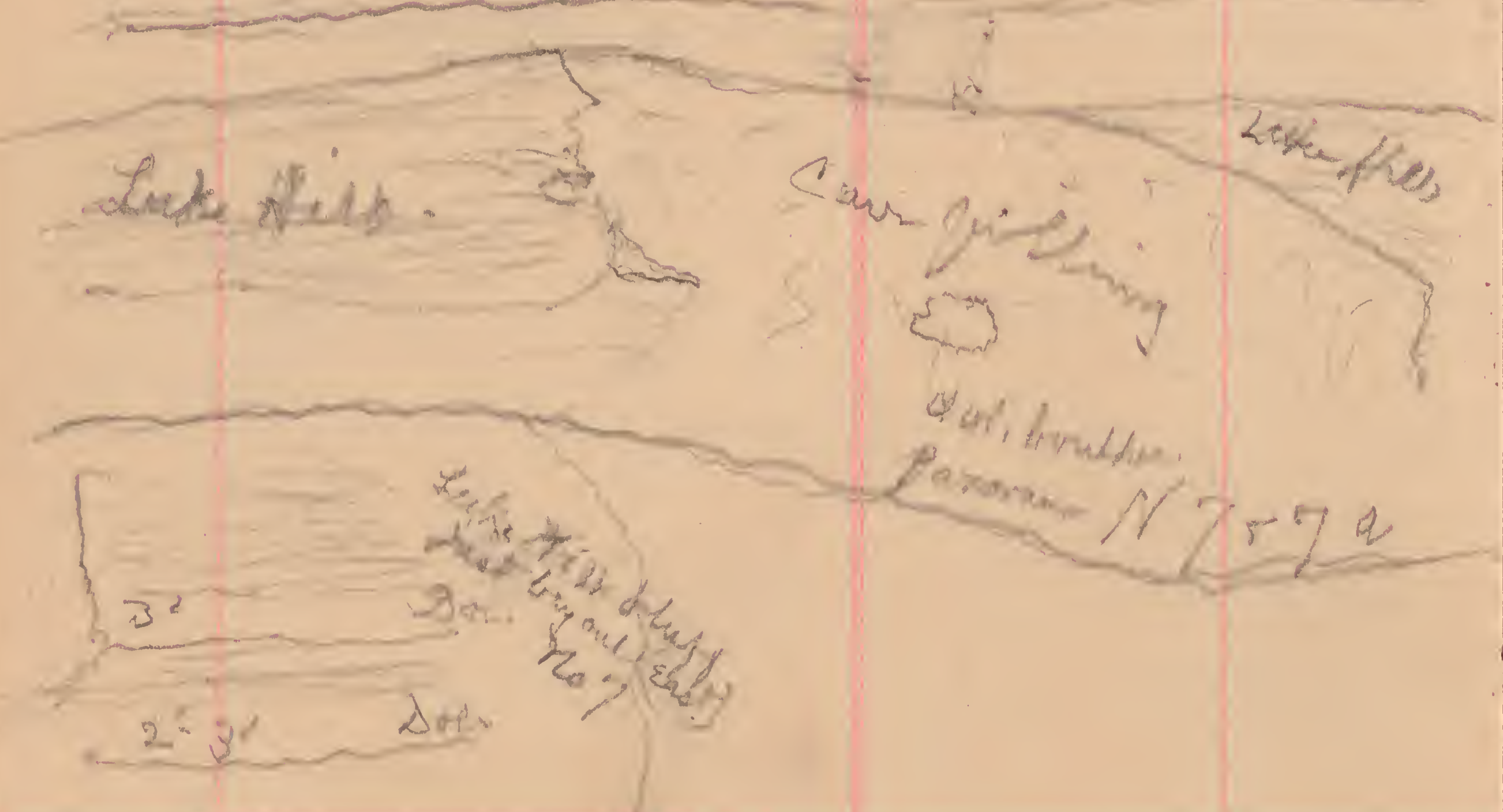

Cave filling
Cave filling
Probably a pillar

Same as No. 2


Cave filling
Probably pendant
discolored
Discolored by vegetation
Cave filling

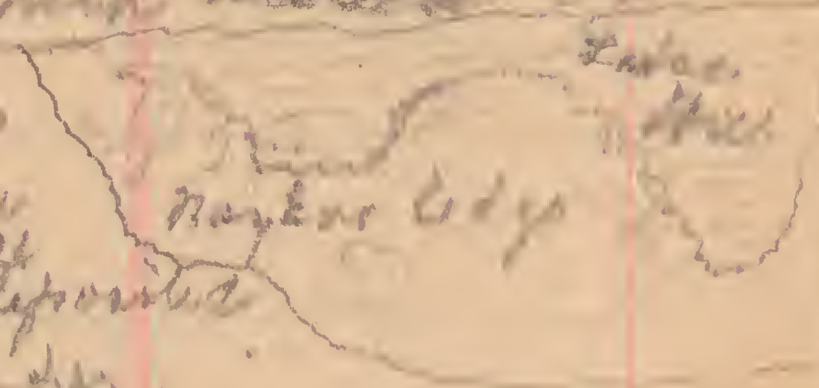

No 4
Cave filling
Pendant
Cave


Cave filling
Part of roof pendant
3 ft below roof
Top of Crypt. bed
Bedding
No 5


Lake Hill.
Cave filling
Lake Hill
Dol. boulder.
Panorama N 757a
Lake Hill bluff just beyond Ehb.
No 7
3'
Dol.
2' 3'
Dol.

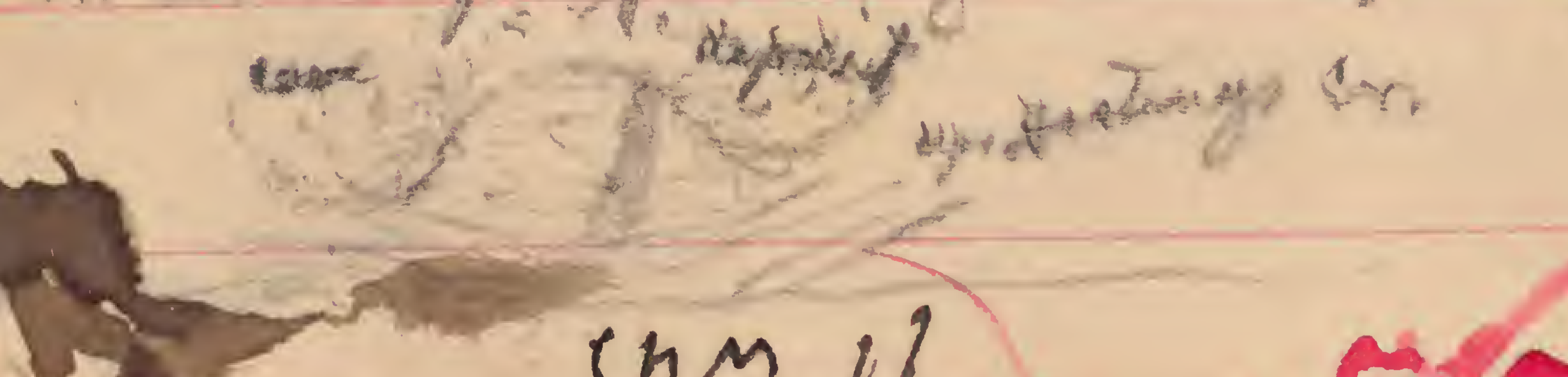
Moderately ponderous in
Naylor Ledge Many specimens
opposite Hastings Monument.

No detrital material at contact of Lake Hill on Naylor Ledge some of which should be present in the channels on top of N. ledge if the sequence were normal and the Lake Hill deposited on eroded surface of the N. ledge.
No such material was observed in 50 or more of these "channel-like fillings" that were studied. On the other hand what we saw is precisely what should be, if the base of the Lake Hill is, as I think, the roof of the cave.


Lake Hill
Naylor Ledge

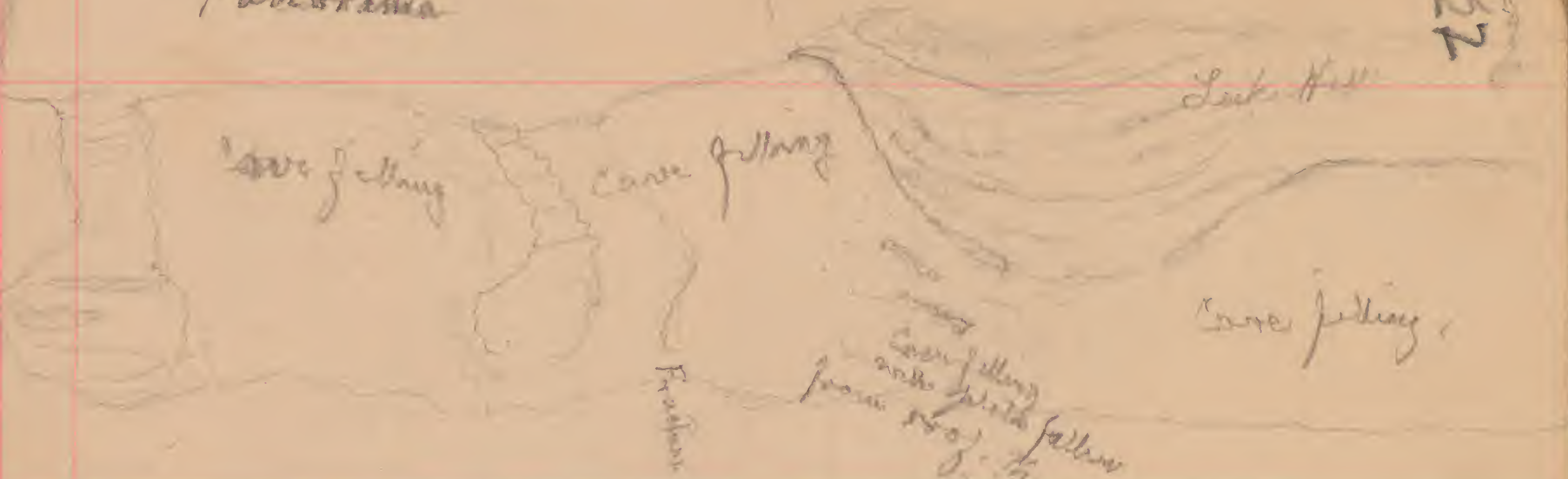
The Canadian part of the Naylor Ledge (i.e. the cave deposit) is always of lighter color and more fine grained than either the roof pendants or the pillars rising into the cave filling from the underlying Hastings; and the fossils in the cave filling always quite different from those in the Hastings & the Lake Hill, those from the filling being without exception of Up. Canadian, whereas those from the roof, bottom, pendants & pillars are always of Up. Ozarkian age.

SW corner of Naylor Ridge. Probably out of focus.


cave
deposit
Up. Hastings Cr.

CHM 11

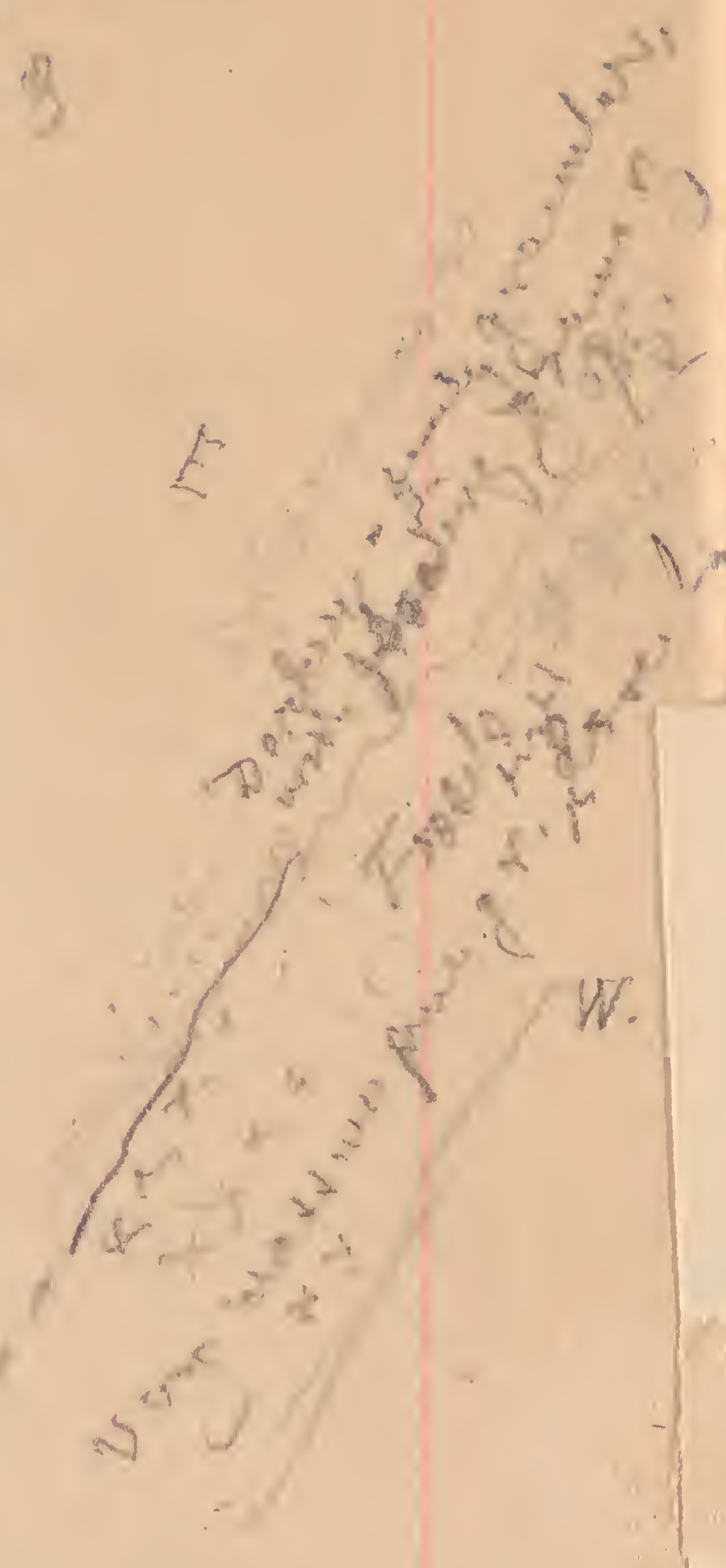
Panorama No 6 No 8a


Cave filling
Cave filling
Leek Hill
Cave filling
Fracture

Cave filling with blocks fallen from roof. These are of decisive importance in the solution of the Hayloft Ledge problem. Em.

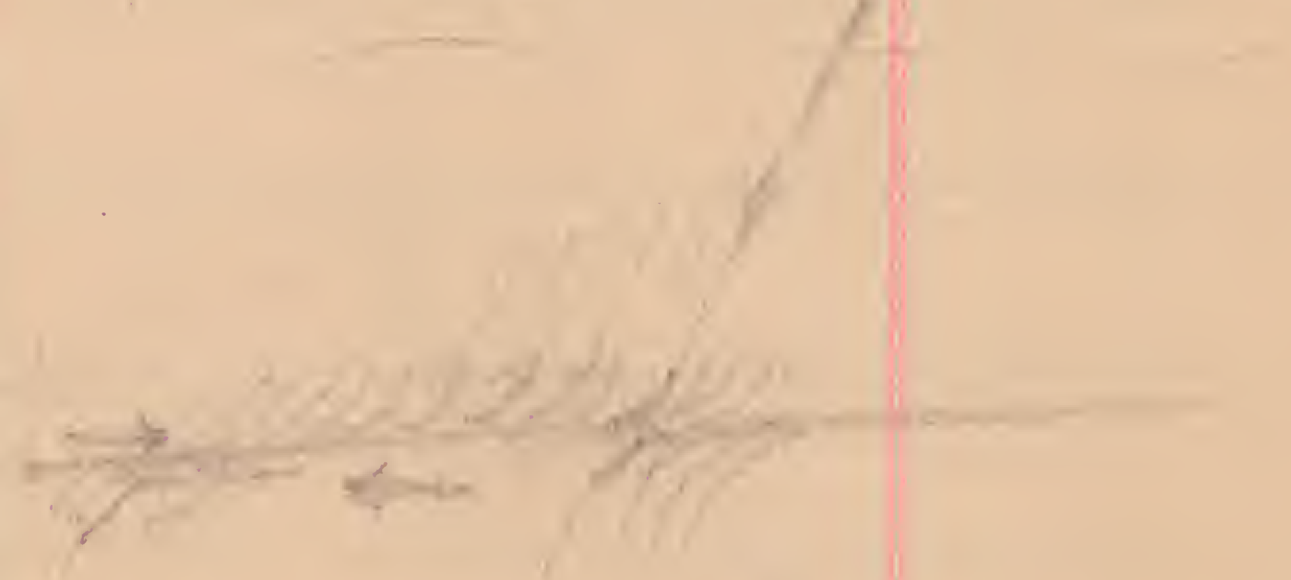
[illegible] was
shown on lower surface of
Chepultepec ls.

June 1st 1934
with [illegible] &
G. W. Stose



N. wall of Legore quarry,
Beds overturned the sides on East side

Legore, Frederick Co
Md.



Drag along fault line in bedding

Ceresville Md 4 to 5 mi. N. of
Frederick.

June 2nd

48

Cla... was
shown on lower surface of
Chepultepec ls.

June 1st 1934
with Mecham &
G. W. Stose

49

Ceresville Md 4 to 5 mi. N. of
Frederick.

June 2nd

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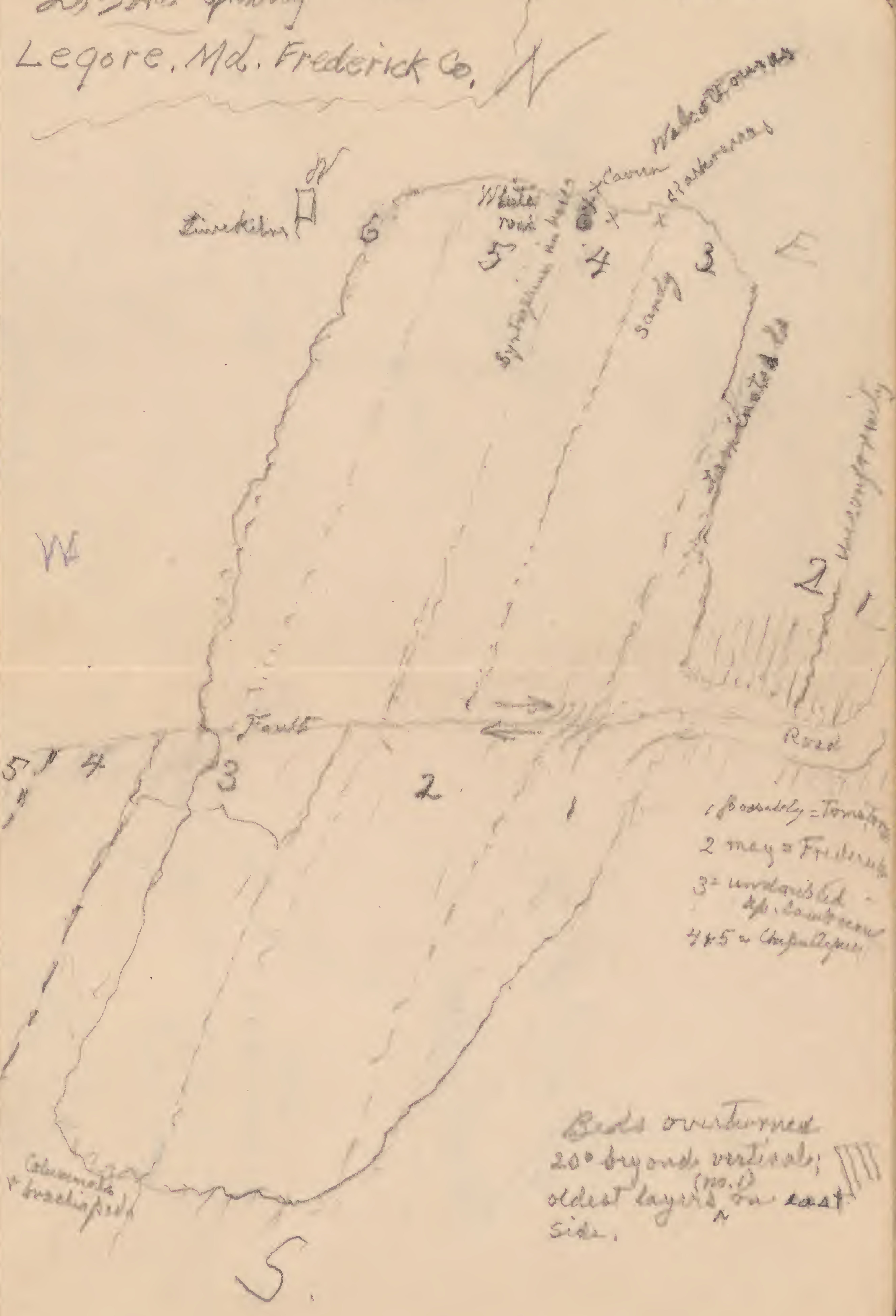
48 a

Le Gore quarry Oct. 1935

Legore, Md. Frederick Co.


N
Watercourses
x Cavern
x stalactites
Limekiln
6
White rock
5
Syntrophina in beds
4
Sandy
3
E
laminated ls
unconformity
2
1
W
Fault
Road
5
4
3
2
1
Columnals & brachiopods
5

1 possibly = Tomstown
2 may = Frederick
3 = undecided - Up. Conococheague
4 & 5 = Chepultepec

Beds overturned 20° beyond vertical; oldest layers (no. 1) on east side.

48

Clark ore was
shown on lower surface of
Chepultepec ls.

June 1st 1934
with Mr. Mosher &
G. W. Stose

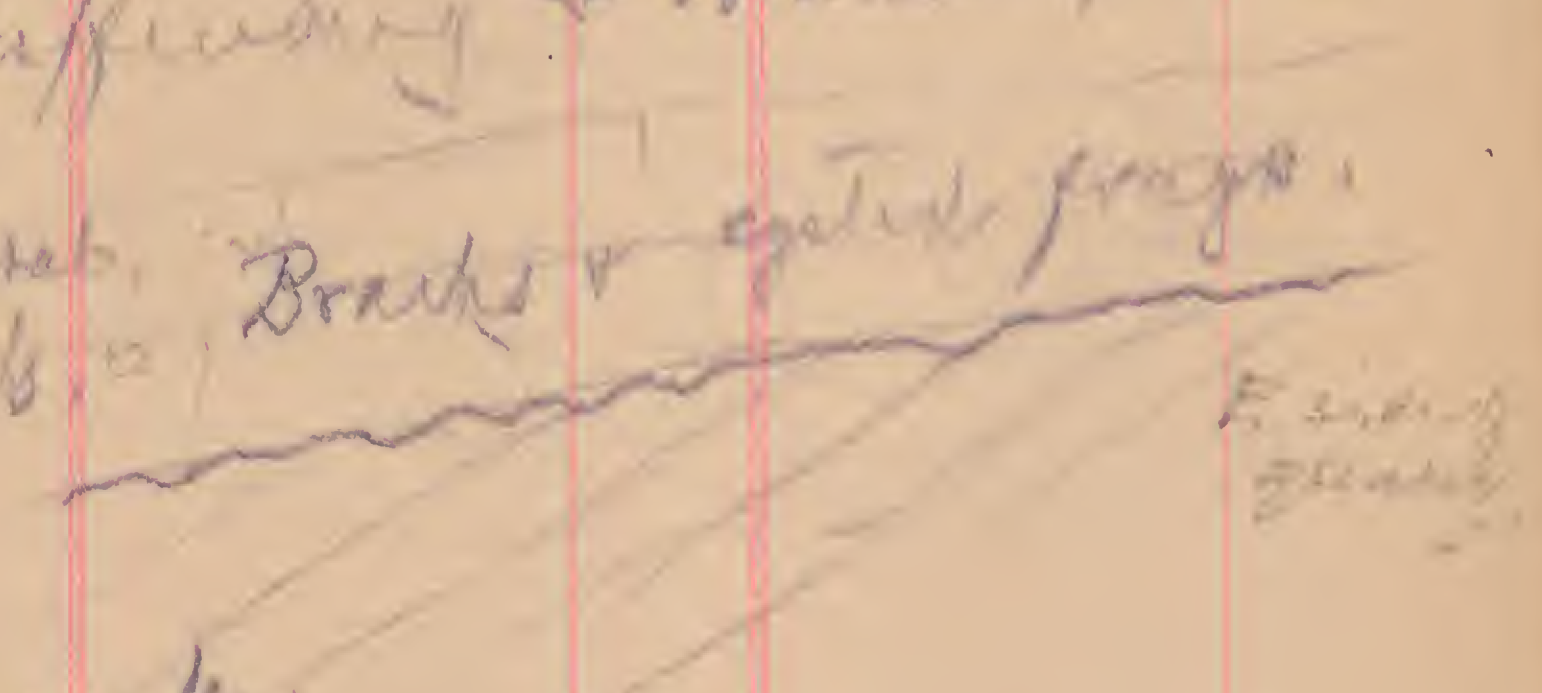
49

Ceresville Md. 4 to 5 mi. N. of
Frederick.

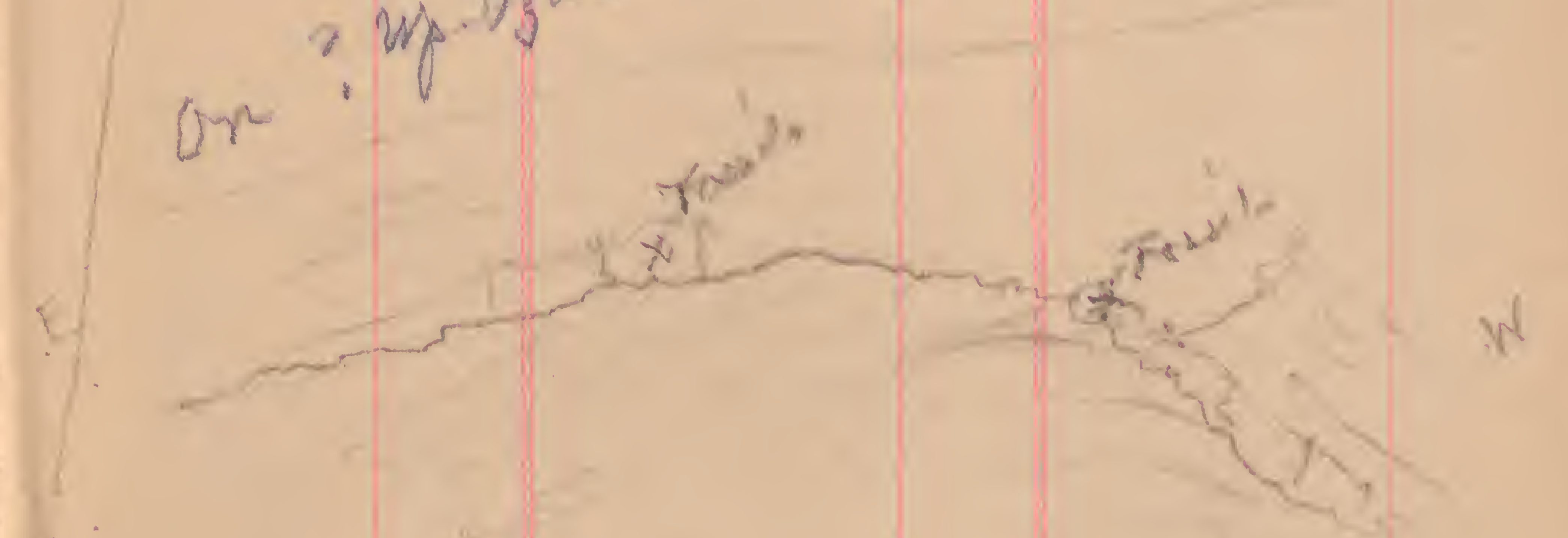
June 2nd
~~May 18th~~ 1934,
Ceresville, 4-5 miles N of Frederick on Libertytown road
North of Frederick, Md.
at Pafferberg & Mauser quarry

Probably base
Frederick ls.

Brachs & gastrop frags.



Or ? Up. Ozark.

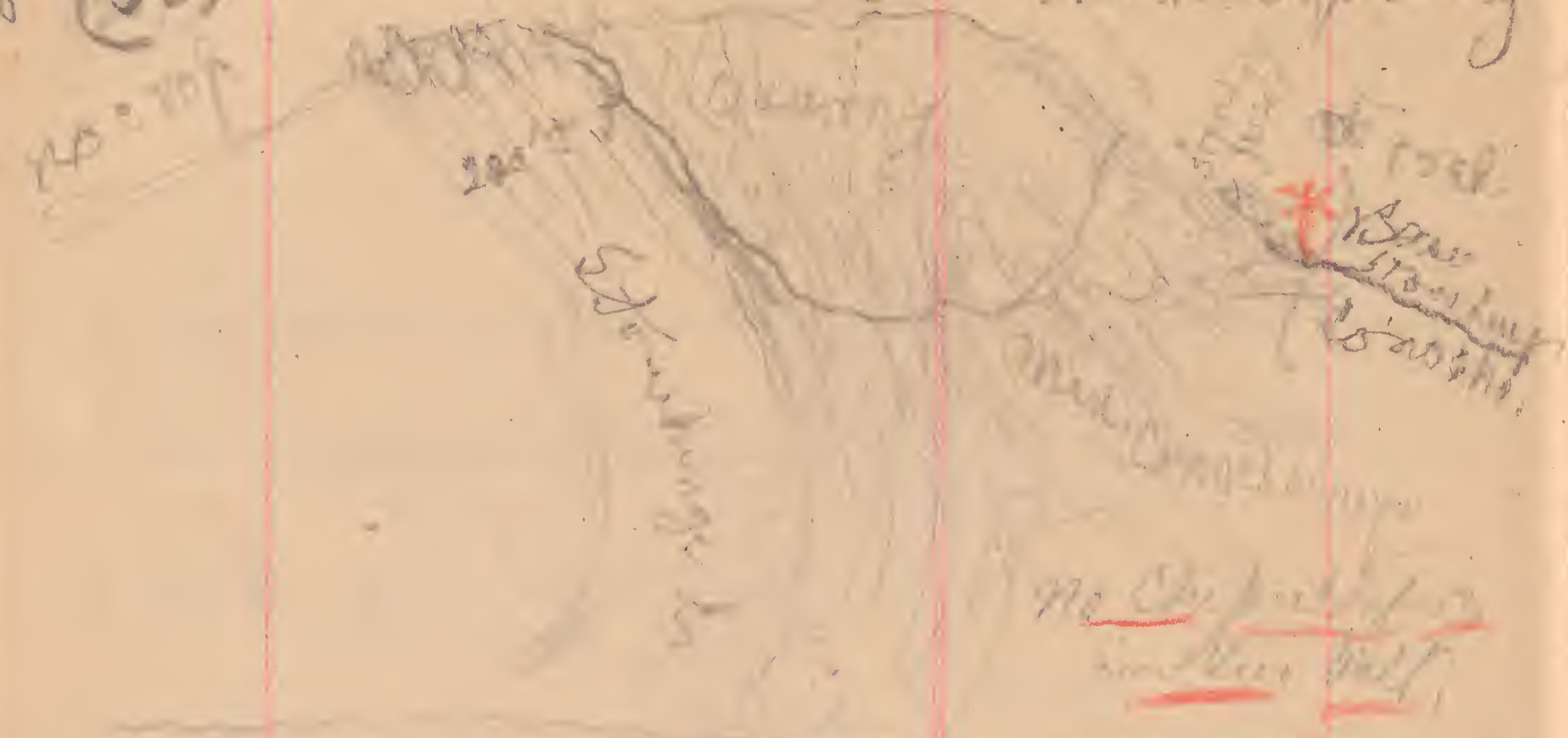


Cross section of quarry
from memory by E.M.

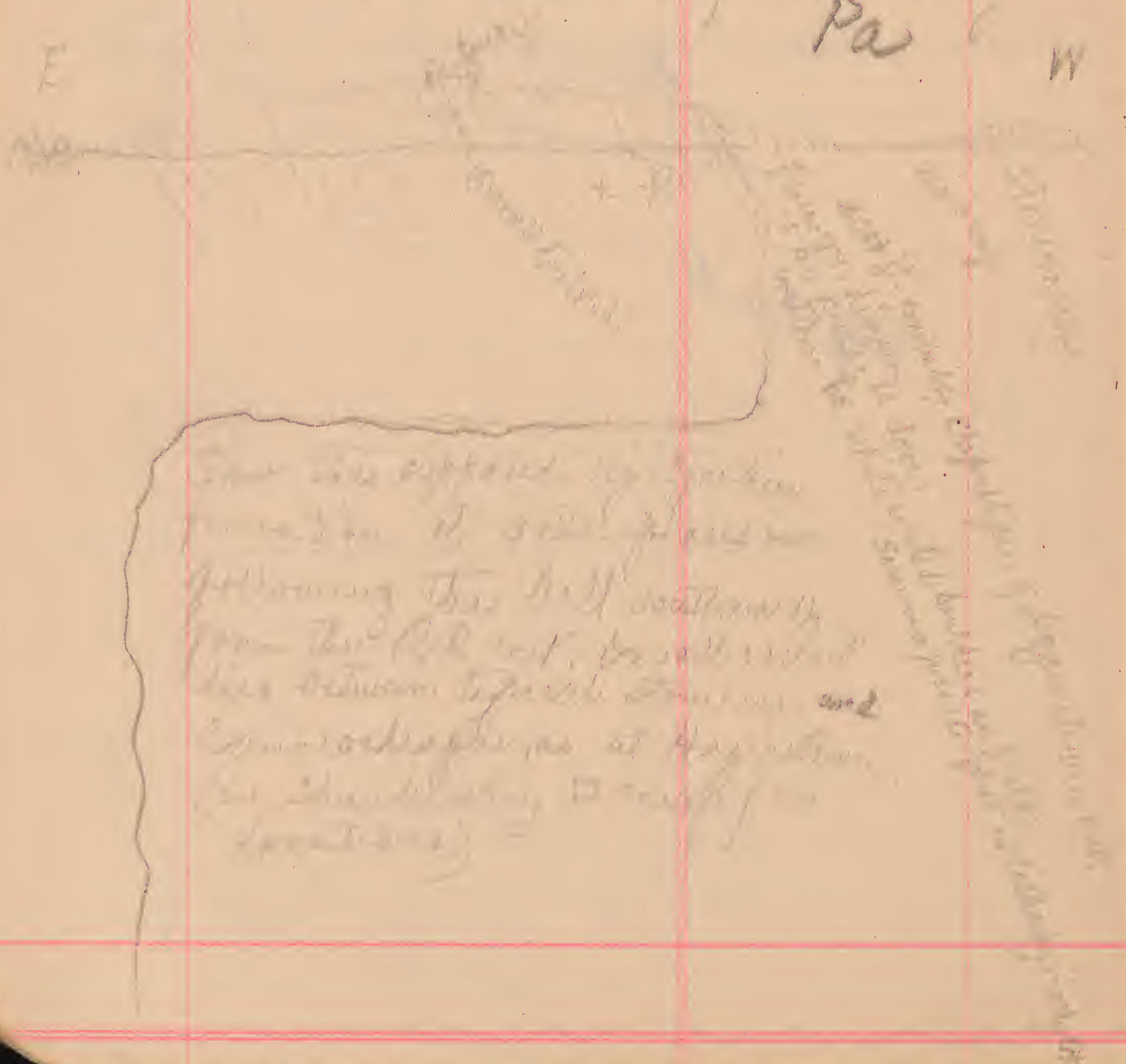
Later in day drove northwest to old brickyard digging in SE edge of Hagerstown, Md. then N through Greencastle to Chambersburg, Pa. Near State line noted presence of Chepultepec under Conococheague.

June 2nd /84.

(50) ½ m S. of Stoufferstown Pa no Walker quarry


Quarry
200 ft
Stoufferstown
[illegible]

RR cut 4 m. S.E. of Chambersburg Pa



[illegible] [illegible] [illegible] [illegible]
[illegible] at [illegible] places
following the hill southwardly
from the RR cut, [illegible]
line between [illegible] and
Cambro-ordovician as at Hagerstown
(in Chambersburg [illegible]
[illegible])

51

Peach's Presidential Address (Sec C)
on Durness faunas in
British Association Advancement Sci
for 1912

Dr W.K. Spencer F.R.S.
Fairway
Bucklesham Road
Ipswich

Starfish man
where is his manuscript?

Talk to Cooper